Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 22 Mar 2023 until 23:59 on Thursday 23 Mar 2023

Forecast Issued on Wednesday 22 Mar 2023 at 03:41

Confidence: High for generally unsettled conditions with showers or longer spells of occasionally heavy rain but lower for details.

Headline for Wednesday 22 Mar 2023: Sunny spells and showers. Strong southwesterly winds.

Mountain weather hazards on Wednesday 22 Mar 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny	Cloudy	Cloudy	Light rain showers	Light rain showers (night)	Heavy Rain
Precipitation probability					
20%	<05%	10%	30%	30%	20%

Forecast for Wednesday 22 Mar 2023

Weather: A mostly sunny morning but cloud bubbling up for the afternoon with scattered showers developing. The showers ease for a time in the evening before a narrow band of occasionally heavy showery rain pushes east in the late evening.

Chance of cloud-free hill tops above 600m: Around 75% at dawn and afternoon, but rising close to 100% for a time through much of the morning. Chances then fall through the late evening.

Low cloud and visibility: Occasional above 600-750m at first and again from midday, but little cloud below the summits through much of the morning, then periods cloud above 450-600m develop during the evening. Away from cloud visibility very good falling to several kilometres in rain or showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Wednesday 22 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	35/45 SW	28/35 SW	24/33 SW	23/32 SW	24/34 SW	28/38 S	28/38 SW
300	26/37 SW	21/29 SW	19/29 SW	17/25 SW	15/25 S	20/32 S	20/31 SW
Valley	17/36 SW	14/27 SW	14/28 SW	12/24 SW	10/25 S	14/31 S	14/30 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-1	3/-3	6/0	6/0	6/1	5/-1	4/-3
300	8/3	6/1	9/5	8/5	9/5	7/3	6/2
Valley	8/4	8/4	10/7	10/7	9/6	8/4	7/3
Freezing Level*	1000m	800m	1000m	1200m	1200m	1300m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 45mph over higher peaks by day with a significant chill effect at height.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Wed 22 Mar 2023	5mm	14mm	19.2mm

Forecast for Thursday 23 Mar 2023

Weather: Some showery rain around midnight soon clearing then a dry night with long clear spells. Cloud bubbling up through the morning with occasionally heavy and perhaps thundery showers developing for the afternoon.

Maximum wind: Southwesterly winds 20-25mph, with gusts around 45mph over higher peaks.

Chance of cloud-free hill tops above 600m: Close to 100% falling to 75% by midday and 60% in afternoon

Low cloud and visibility: Occasional cloud above 600m developing through the morning, becoming periods at times in the afternoon with patches down to 450. Away from cloud visibility very good falling to several kilometres in showers.

Temperature: **Valleys:** Around plus 6 or 7 through the early hours rising to plus 13 or 14 Celsius by day
At 600m: Around plus 5 Celsius
Freezing level: Above the summits.

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